Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 17 Dec 2020 until 23:59 on Friday 18 Dec 2020

Forecast Issued on Thursday 17 Dec 2020 at 02:32

Confidence: High for sunshine and showers by day Thursday, then a series of rain bands interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Thursday 17 Dec 2020: Showers by day. Windy at height with severe gales during the evening as rain develops.

Mountain weather hazards on Thursday 17 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Cloudy	Cloudy	Heavy Rain	Light rain
Precipitation probability					
40%	40%	30%	30%	80%	80%

Forecast for Thursday 17 Dec 2020

Weather: Clear then sunny spells mixed with showers through the morning. Showers dwindling after late morning, mostly staying dry with sunny spells for the afternoon. Rain spreading from the west during the evening.

Chance of cloud free mountain/hill tops above 800m: Initially in west 40% and in east 50% with bases generally 800-1000m lowering 450-650m in showers, becoming during the afternoon 70% and 85% respectively as showers decay, finally lowering 10-20% by evening as rain spreads from the west.

Visibility: Good or very good sporadically lowering moderate or poor in showers, then more generally in periods of rain late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 17 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/40 SW	30/38 SW	30/38 SW	32/41 S	42/53 S	46/59 S	43/55 S
600	27/36 SW	25/34 SW	25/35 SW	26/36 S	32/45 S	35/49 S	32/47 S
300	10/29 SW	10/27 SW	11/28 SW	11/29 S	12/34 S	13/37 S	12/34 S
Valley	9/25 SW	10/25 SW	11/25 SW	11/27 S	13/32 S	15/37 S	13/32 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-6	2/-5	2/-5	2/-5	3/-4	4/-4	5/-2
600	4/-3	4/-2	4/-2	4/-1	5/-1	5/-1	6/0
300	6/3	6/3	7/4	7/4	7/3	7/4	8/5
Valley	8/6	8/6	9/6	9/6	9/6	9/6	10/7
Freezing Level*	1100m	1200m	1100m	1400m	1700m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with significant wind chill. Best of conditions during afternoon. Hill fog and summit gales by mid-evening.

Forecast for Friday 18 Dec 2020

Weather: Quite unsettled with showers or longer periods of rain. Best chance of drier spells during the morning with perhaps some limited brightness, with more persistent and heaviest rain expected between mid-afternoon and mid-evening, particularly in the west.

Maximum wind: Southerly mean 30-40mph with gusts reaching 50-60mph across exposed ridges and summits.

Chance of cloud free mountain/hill tops above 800m: 20-30% during the morning, then virtually nil from the afternoon as bases become quite extensive from 450-600m.

Visibility: Good at times during the morning, otherwise moderate, occasionally poor or very poor.

Temperature: **Valleys:** Plus 5 Celsius increasing 12 Celsius during the afternoon
At 800m: Plus 5-7 Celsius
Freezing level: Above all summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 16 December. Location: Dollywaggon Pike summit at 11:00. A wet and wild day in the fells with gale-force southerly winds and heavy rain at times. As was reported yesterday, the fells are basically free of snow and ice apart from small isolated patches on steep north and east-facing aspects above around 900m. No snow or ice was encountered or seen today at all. However, with all of the recent rain, the rivers are high and paths are very wet and slippery. The temperature is forecast to get colder towards the weekend with the freezing level is predicted to be at or around the summit level. It is therefore likely that we will see wintery weather returning with snow and ice in the higher fells. Full winter clothing including waterproofs, warm layers as well as hat & gloves, and equipment including mountain boots, map and compass and the ability to use them in poor visibility are all essential for anyone venturing out onto the fells. Temperature: plus 3.5 C, Maximum wind speed 45.8 mph, Wind chill: minus 2.6 C, Average wind speed: 28.5 mph

Issued at: 02:32 on Thu 17 Dec 2020

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